

February 27, 2004

The Dow Chemical Company 171 River Road Piscataway, NJ 08854

Overnight Delivery

Document Processing Desk (6(a)(2))
Office of Pesticides Programs (7504C)
Antimicrobials Division
U. S. Environmental Protection Agency
1921 Jefferson Davis Highway
Crystal Mall 2 – Room 266A
Arlington, VA 22202

Subject:

UCARCIDE™ P 200 Antimicrobial, EPA Registration No. 464-713

ortho-phthalaldehyde - 6(a)(2) Information

Dear Sir/Madam:

Pursuant to Section 6(a)(2) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended, 7 U. S. C. Section 138d(a)(2), The Dow Chemical Company hereby submits the following studies regarding ortho-phthalaldehyde:

46208501 Vol. 1: Marty, B.A. et al. (2002). Activated Sludge, Respiration Inhibition Test (OECD 209) for O-Phthalaldehyde; Project Study ID 011220; The Dow Chemical Company, 16 pages.

46208502 Vol. 2: Woolhiser, M.R. et al. (2003). *O-Phthalaldehyde: The Local Lymph Node Assay in Balb/C Mice*; Guideline OPPTS 870.2600; Project Study ID 031111; The Dow Chemical Company, 23 pages.

The activated sludge respiration inhibition study evaluated the potential for *ortho*-phthalaldehyde (OPA) to inhibit the respiration of municipal activated sludge. The EC-50 value for OPA was determined to be 35 mg/L.

The Local Lymph Node Assay (LLNA) study evaluated the potential for OPA to cause contact sensitization. The LLNA response for OPA was found to be consistent with dermal sensitization.

I trust that you will find this submission to be in good order.

Sincerely,

Maureen Miksztal

Senior Regulatory Specialist

Enc. (3)

cc: M. Swindell

bcc: M. N. Duvall

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